# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 21 Dec 2023 until 23:59 on Friday 22 Dec 2023

Forecast Issued on Thursday 21 Dec 2023 at 00:34

**Confidence:** High confidence for unsettled and windy conditions through the coming days. Lower for rain details.

**Headline for Thursday 21 Dec 2023:** Very windy with severe conditions on the tops. Cloudy start with some rain then bright intervals and showers.

**Mountain weather hazards on Thursday 21 Dec 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>Low Likelihood |
| **Gales**<br>High Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Heavy Rain | Light rain | Light rain showers | Light rain showers | Partly cloudy (night) | Partly cloudy (night) |
| Precipitation probability | | | | | |
| 80% | 40% | 30% | 30% | 20% | 20% |

**Forecast for Thursday 21 Dec 2023**

**Weather:** Cloudy at first with spells of rain, clearing in the first half of the morning. Thereafter a mixture of bright spells and showers. The very strong winds will be the main feature of the weather.

**Chance of cloud-free hill tops above 600m:** 10% at first becoming 70% by mid-morning.

**Low Cloud and visibility:** Extensive cloud and fog above 400m overnight, lifting and breaking by mid-morning. However, cloud still likely to reach higher summits during showers. Mainly good visibility during the day but occasionally poor in showers and very poor where low cloud covers hills.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Thursday 21 Dec 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 39/52 W | 34/47 W | 35/49 W | 30/43 NW | 28/40 W | 26/37 W | 25/36 W |
| **300** | 23/49 W | 21/45 W | 21/47 W | 19/42 NW | 17/38 W | 17/37 W | 16/36 W |
| **Valley** | 21/47 W | 20/46 W | 21/47 W | 18/41 NW | 13/33 W | 13/30 W | 13/31 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 6/0 | 6/-1 | 5/-2 | 4/-3 | 3/-4 | 3/-3 | 3/-4 |
| **300** | 8/4 | 8/4 | 8/3 | 6/2 | 5/1 | 5/1 | 5/1 |
| **Valley** | 10/6 | 9/6 | 9/5 | 8/4 | 7/4 | 7/4 | 7/4 |
| **Freezing Level*** | 1700m | 1300m | 1300m | 1100m | 1000m | 1000m | 1000m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Very windy conditions with gusts of 50 to 70mph at first, with progress severely impeded and a high risk of being blown over. The character of the wind gusts will change during the morning. Be prepared for sudden strong gusts on lee slopes at first, with gusts then becoming strongest near showers and easing slightly.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Thu 21 Dec 2023 | 21.8mm | 25.8mm | 34.2mm |

**Forecast for Friday 22 Dec 2023**

**Weather:** Cloudy with outbreaks of rain, this heavy at times.

**Maximum wind:** West or Northwest 25 to 35mph, gusts 50 to 55mph.

**Chance of cloud-free hill tops above 600m:** 40%.

**Low Cloud and visibility:** Occasional cloud and fog above 500-600m, but patchier in the east. Away from cloud, mainly good visibility but poor at times in rain.

**Temperature:** **Valleys:** Plus 5C rising to 9C.
**At 600m:** Plus 3C rising to 5C.
**Freezing level:** Above summits.

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